

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 6    | ("7023963" "7174488" "6975706").pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 15:50 |
| L2    | 0    | 1 and (echo adj cancel\$8 and anomaly adj detection adj logic).clm.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:02 |
| L3    | 0    | 1 and echo adj cancel\$8 and anomaly adj detection adj logic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 16:47 |
| L4    | 4    | 1 and echo adj cancel\$8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/01 15:56 |
| L5    | 14   | ("20030063711"   "4243959"   "4270029"   "4301538"   "4756005"   "5084865"   "5111497"   "5244067"   "5761938"   "5774316"   "6011399"   "6480532"   "6807370"   "6819744").PN. OR ("7174488").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/02/01 15:56 |
| L6    | 13   | ("20030063711"   "4243959"   "4980887"   "5084865"   "5111497"   "5244067"   "5761938"   "5774316"   "6011399"   "6480532"   "6819744").PN. OR ("7023963").URPN.                                     | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/02/01 15:57 |
| L7    | 3    | ("5111497"   "5774316"   "6868357").PN. OR ("6975706").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR               | ON      | 2008/02/01 15:58 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| L8  | 0     | 5 and echo adj cancel\$8 and anomaly adj detection adj logic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:10 |
| L9  | 0     | 6 and echo adj cancel\$8 and anomaly adj detection adj logic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:01 |
| L10 | 0     | 7 and echo adj cancel\$8 and anomaly adj detection adj logic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:01 |
| L11 | 0     | 1 and anomaly adj detection adj logic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:15 |
| L17 | 1213  | echo\$2 near8 (cancel\$8 or suppress\$5 or eliminat\$5 or reduc\$5 or remov\$3) with (tap\$1 or tap adj coefficient\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:19 |
| L18 | 68555 | (locat\$4 or detect\$4) near4 line with (fault\$1 or detect\$1 or anomal\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:21 |
| L19 | 3     | 17 with 18  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:40 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| L20 | 31   | ("20020169585").PN.<br>("4764955" "5065241" "6167133" "6697768").PN.<br>("20030063711" "4243959" "5084865" "5244067" "5761938" "5774316" "6011399" "6480532").PN.<br>("6693992" "6697768" "6819749" "6829293").PN.<br>("5774316" "6011399" "6480532").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:47 |
| L22 | 6    | 17 and 20   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:48 |
| L23 | 0    | 18 and 22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:48 |
| L24 | 38   | 379/15.05.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:49 |
| L25 | 1    | 24 and 17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 16:49 |
| L26 | 1    | 25 and 18   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:13 |
| L27 | 3786 | 379/1.04,14.01,15.05,22.02-22.05,27.01-27.04,32.04,406.01-406.16.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:17 |

## EAST Search History

|     |      |                   |  |    |    |                  |
|-----|------|-------------------|--|----|----|------------------|
| L28 | 388  | 27 and 17         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:18 |
| L29 | 15   | 28 and 18         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:27 |
| L30 | 722  | 370/286.ccls.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:28 |
| L31 | 114  | 30 and 17         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:28 |
| L32 | 2    | 31 and 18         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:28 |
| L33 | 1199 | 370/286-292.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:29 |
| L34 | 262  | 33 and 17         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:29 |

## EAST Search History

|     |      |                               |  |    |    |                  |
|-----|------|-------------------------------|--|----|----|------------------|
| L35 | 5    | 34 and 18                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:31 |
| L36 | 2614 | 455/570,278.1,296,114.2.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:32 |
| L37 | 17   | 36 and 17                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:32 |
| L38 | 2    | 37 and 18                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:33 |
| L39 | 3926 | 375/346,350.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:33 |
| L40 | 53   | 39 and 17                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:33 |
| L41 | 1    | 40 and 18                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/01 17:34 |